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[Wolfgang K. Giloi](#)
April 1975 **SIGGRAPH '75**: Proceedings of the 2nd annual conference on Computer graphics and interactive techniques**Publisher:** ACMFull text available: [Pdf](#) (117.76 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [cited](#)**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 14, Citation Count: 3

The main topic of the paper is to introduce a concept for structured display programming and to discuss the suitability of FORTRAN, ALGOL, PL/I, and APL as a language for such a programming system. To this end, ...

Also published in:

April 1975 **SIGGRAPH Computer Graphics** Volume 9 Issue 1**ADVANCED SEARCH**
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3 [Bimodal multicast](#)
[Kenneth P. Birman, Mark Hayden, Ozgur Ozkasap, Zhen Xiao, Mihai Budiu, Yaron Minsky](#)
 May 1999 **Transactions on Computer Systems (TOCS)**, Volume 17 Issue 2
Publisher: ACMFull text available: [Pdf](#) (302.06 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [cited](#)**Bibliometrics:** Downloads (6 Weeks): 54, Downloads (12 Months): 170, Citation Count: 88

There are many methods for making a multicast protocol "reliable." At one end of the reliable multicast protocol might offer totality guarantees, such as all-or-nothing delivery ordering, and perhaps additional properties ...

4 [Analysing software requirements specifications for performance](#)
[Dorin Petriu, Murray Woodside](#)
July 2002 **WOSP '02**: Proceedings of the 3rd international workshop on Software and Performance**Publisher:** ACMFull text available: [Pdf](#) (213.05 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [cited](#)**Bibliometrics:** Downloads (6 Weeks): 17, Downloads (12 Months): 151, Citation Count: 9

The earliest moment when performance issues can be addressed is the initial specific software system, during the formulation of the architecture, and well before the design of a common form of specification at this stage is a set of scenarios ...


Keywords: completion, nonfunctional requirements, performance, specifications, use

5 [Dynamically reparameterized light fields](#)

[Aaron Isaksen](#), [Leonard McMillan](#), [Steven J. Gortler](#)

July 2000 **SIGGRAPH '00**: Proceedings of the 27th annual conference on Computer graphics and interactive techniques

Publisher: ACM Press/Addison-Wesley Publishing Co.

Full text available:  [Pdf](#) (2.82 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

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This research further develops the light field and lumigraph image-based rendering and extends their utility. We present alternate parameterizations that permit 1) interactive rendering of moderately sampled light fields of scenes with significant, ...



Keywords: autostereoscopic displays, depth of field, frequency domain analysis, image rendering, light field, lumigraph, multitexturing, ray space analysis, synthetic aperture

6 [Polygon-assisted JPEG and MPEG compression of synthetic images](#)

 [Marc Levoy](#)

September 1995 **SIGGRAPH '95**: Proceedings of the 22nd annual conference on Computer graphics and interactive techniques


Publisher: ACM

Full text available:  [Pdf](#) (2.14 MB),  [Ps](#) (77.36 KB) Additional Information: [full citation](#), [references](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 53, Citation Count: 16



Keywords: JPEG, MPEG, client-server graphics, polygon-assisted compression

7 [UML 2001: a standardization odyssey](#)

 [Cris Kobryn](#)


October 1999 **Communications of the ACM**, Volume 42 Issue 10

Publisher: ACM

Full text available:  [Html](#) (42.08 KB),  [Pdf](#) (126.96 KB) Additional Information: [full citation](#), [references](#), [cited by](#)

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8 [Virtual objects in the real world](#)

 [Daniel G. Aliaga](#)


March 1997 **Communications of the ACM**, Volume 40 Issue 3

Publisher: ACM

Full text available:  [Pdf](#) (762.36 KB) Additional Information: [full citation](#), [references](#), [cited by](#), [index](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 81, Citation Count: 3

9 [Should your specification language be typed](#)

 [Leslie Lamport](#), [Lawrence C. Paulson](#)

May 1999 **Transactions on Programming Languages and Systems (TOPLAS)**, Volume 20 Issue 2

Publisher: ACM


Full text available:  [Pdf](#) (275.00 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 42, Citation Count: 5

Most specification languages have a type system. Type systems are hard to get right and getting wrong can lead to inconsistencies. Set theory can serve as the basis for a specification language without types. This possibility, which has been widely ...

Keywords: set theory, specification, types

10 [WSQ/DSQ: a practical approach for combined querying of databases and the Web](#)

 [Roy Goldman, Jennifer Widom](#)

June 2000 **SIGMOD '00**: Proceedings of the 2000 ACM SIGMOD international conference of data

Publisher: ACM

Full text available:  [Pdf](#) (223.65 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited](#)


Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 70, Citation Count: 19

We present WSQ/DSQ (pronounced "wisk-disk"), a new approach for combining the traditional databases with existing search engines on the Web. WSQ, for *Web-Support Queries*, leverages results from Web ...

Also published in:

June 2000 **SIGMOD Record** Volume 29 Issue 2

11 [Efficient, DoS-resistant, secure key exchange for internet protocols](#)

 [William Aiello, Steven M. Bellovin, Matt Blaze, John Ioannidis, Omer Reingold, Ran Canetti, Keromytis](#)

November 2002 **CCS '02**: Proceedings of the 9th ACM conference on Computer and communications security

Publisher: ACM

Full text available:  [Pdf](#) (118.52 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 94, Citation Count: 16

We describe JFK, a new key exchange protocol, primarily designed for use in the IPsec Architecture. It is simple, efficient, and secure; we sketch a proof of the latter property. A number of novel engineering parameters that permit ...

Keywords: cryptography, denial of service attacks

12 [Linux Means Business: MkLinux: Linux Comes to the Power Macintosh](#)

[Linux Journal Staff](#)

November 1996 **Linux Journal**, Volume 1996 Issue 31es

Publisher: Specialized Systems Consultants, Inc.

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Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 3, Citation Count: 1

13 [Accessible animation and customizable graphics via simplicial configuration models](#)

[Tom Ngo, Doug Cutrell, Jenny Dana, Bruce Donald, Lorie Loeb, Shunhui Zhu](#)

July 2000 **SIGGRAPH '00**: Proceedings of the 27th annual conference on Computer graphics and interactive techniques

Publisher: ACM Press/Addison-Wesley Publishing Co.

Full text available:  [Pdf](#) (283.87 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited](#)

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Our goal is to embed free-form constraints into a graphical model. With such constraints, we can maintain its visual integrity—and break rules tastefully—while being manipulated by a casual user. A typical parameterized graphic ...

Keywords: WWW applications, animation with constraints, geometric modeling, web

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